

## EAST Search History

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| S1    | 12   | (olap or "online analytical processing" or "on-line analytical processing") with buffer                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/01 16:09 |
| S2    | 15   | (olap or "online analytical processing" or "on-line analytical processing") with buffer\$3                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/01 16:09 |
| S3    | 27   | (olap or "online analytical processing" or "on-line analytical processing") same buffer\$3 not S2                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/01 16:15 |
| S4    | 10   | (olap or "online analytical processing" or "on-line analytical processing") with buffer\$3 and "707".clas.            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/01 16:15 |
| S5    | 0    | (olap or "online analytical processing" or "on-line analytical processing") same buffer\$3 and "707/103".ccls.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/01 16:16 |
| S6    | 8    | (olap or "online analytical processing" or "on-line analytical processing") same buffer\$3 same aggregat\$4           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/01 16:17 |
| S7    | 107  | (olap or "online analytical processing" or "on-line analytical processing") same aggregat\$4 near4 (level or setting) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/01 16:18 |

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| S8  | 104 | (olap or "online analytical processing" or "on-line analytical processing") same aggregat\$4 near4 (level)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:19 |
| S9  | 69  | (olap or "online analytical processing" or "on-line analytical processing") same aggregat\$4 near2 (level)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:19 |
| S10 | 27  | (olap or "online analytical processing" or "on-line analytical processing") with aggregat\$4 near2 (level)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:19 |
| S11 | 12  | (olap or "online analytical processing" or "on-line analytical processing") same aggregat\$4 near2 (level) and buffer\$3           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:19 |
| S12 | 4   | (olap or "online analytical processing" or "on-line analytical processing") same aggregat\$4 near2 (level) and buffer\$3 and delta | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:33 |
| S13 | 85  | (olap or "online analytical processing" or "on-line analytical processing") and buffer\$3 and delta                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:35 |
| S14 | 16  | (olap or "online analytical processing" or "on-line analytical processing") and buffer\$3 same delta                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:35 |

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| S15 | 15 | (olap or "online analytical processing" or "on-line analytical processing") and buffer\$3 with delta                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:35 |
| S16 | 1  | (olap or "online analytical processing" or "on-line analytical processing") and buffer\$3 near delta                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:35 |
| S17 | 1  | (olap or "online analytical processing" or "on-line analytical processing") and buffer\$3 near4 delta                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:36 |
| S18 | 3  | (olap or "online analytical processing" or "on-line analytical processing") and buffer\$3 with delta and "707".clas. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:36 |
| S19 | 1  | (olap or "online analytical processing" or "on-line analytical processing") and delta adj buffer\$3                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:37 |
| S20 | 1  | "analytical processing" and delta adj buffer\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:37 |
| S21 | 2  | analytical and delta adj buffer\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:37 |

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| S22 | 39 | delta adj buffer\$3                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:38 |
| S23 | 9  | delta adj buffer\$3 and "707".clas. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:38 |



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[W Powley](#)

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[S Gail](#)

[D Burdick](#)

[A one-pass aggregation algorithm with the optimal \*\*buffer\*\* size in multidimensional \*\*OLAP\*\* - all 7 versions »](#)

YK Lee, KY Whang, YS Moon, IY Song - Proceedings of the 28th international conference on Very ..., 2002 - portal.acm.org

... with the Optimal **Buffer** Size in Multidimensional **OLAP** Young-Koo Lee † ,  
Kyu-Young Whang † , Yang-Sae Moon † , and Il-Yeol Song †† ...

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[Delta-mechanism for integration of \*\*OLAP\*\*-based planning and reporting - all 2 versions »](#)

H Koerner, E Marschall - 2005 - freepatentsonline.com

... or more application tools is an online analytical processing (**OLAP**) tool. 5. A database system in accordance with claim 1, wherein the delta **buffer** includes at ...

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[Compressed data cubes for \*\*OLAP\*\* aggregate query approximation on continuous dimensions - all 10 versions »](#)

J Shanmugasundaram, U Fayyad, PS Bradley - Proceedings of the fifth ACM SIGKDD international conference ..., 1999 - portal.acm.org

... with data points fitting the current model least (ie the **buffer** is filled ... Since **OLAP** type queries are usually performed over low- dimensional data sets, we ...

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[Research on Distributed Cache Mechanism in Decision Support System](#)

LIU Hui, JI Xiu-hua - Springer

... is important to the inquiry response-time, so the algorithm is: The system first inspects the **buffer** whether it has had the corresponding view, if not, DW **OLAP** ...

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[OLAP Query Routing and Physical Design in a Database Cluster - all 5 versions »](#)

U Rohm, K Bohm, HJ Schek - Proc. of the 7 thConf. on Extending Database Technology ( ..., 2000 - Springer ... **OLAP** Query Routing and Physical Design in a Database Cluster 261 flushing the database

**buffer**, current database systems do not use the normal database **buffer** ...

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[\[PDF\] SISYPHUS: A Chunk-Based Storage Manager for \*\*OLAP\*\* Cubes - all 4 versions »](#)

N Karayannis, T Sellis - Proceedings of the 3rd International Workshop on Design and ..., 2001 - ceur-ws.org ... Precious services, such as the management of a **buffer** pool, in which pages ... However,

in the context of **OLAP** some of these services have "restricted usefulness ...

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[Configuring \*\*buffer\*\* pools in DB2 UDB - all 2 versions »](#)

X Xu, P Martin, W Powley - Proceedings of the 2002 conference of the Centre for ..., 2002 - portal.acm.org ... Configuring **Buffer** Pools in DB2 UDB ... DB2 Universal Database (DB2 UDB) [13] divides

the **buffer** area into a number of independent sub- areas called **buffer** pools. ...

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[Design and implementation of a scalable parallel system formultidimensional analysis and \*\*OLAP\*\* - all 14 versions »](#)

S Gail, A Choudhary - Parallel and Distributed Processing, 1999. 13th ..., 1999 - ieeeexplore.ieee.org ... an index structure which helps in extracting data for queries and **OLAP** operations ...

**Buffer** management for this aggregation depends on the order in which chunks to ...  
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HYPERDB: A PC-BASED DATABASE CLUSTER SYSTEM FOR EFFICIENT OLAP  
QUERY PROCESSING - all 2 versions »

TK Kim, SH Jung, KR Kim, JS Yoo, WS Cho - actapress.com

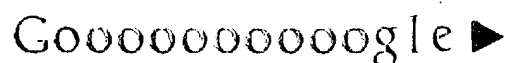
... We select 10 typical **OLAP** queries which include a huge fact table (LineItem ... We configured the key **buffer**, sort **buffer**, and record **buffer** of MySQL into 8MB, 2MB ... Web Search

An aggregation algorithm using a multidimensional file in multidimensional OLAP - all 4 versions »

YK Lee, KY Whang, YS Moon, IY Song - Information Sciences, 2003 - Elsevier

... is an operation that plays a key role in multidimensional **OLAP** (MOLAP). ... the algorithm allows us to maximize the effectiveness of the **buffer**—we control ...

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H Koerner, E Marschall - 2005 - [freepatentsonline.com](#)

... include a server program that handles the **delta buffer** 215 and data **buffer** 210.

The database 205 may be a multidimensional database usable for **OLAP** operations. ...

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M Zukowski - Proceedings of the British National Conference on Databases ... - [cwi.nl](#)

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**[Why commercial database systems are not real-time systems](#)**

A Jhingran - Proceedings of the workshop on on Databases: active and real ..., 1996 - [portal.acm.org](#)

... time tasks grows (ii) the **delta** from their ... functions that bypass traditional **buffer** management and ... of applications called On Line Analytical Processing (**OLAP**). ...

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**[Method and system for data extraction from a transaction system to an analytics system](#)**

V Trivedi, VB Vadakkencherry - 2006 - [freepatentsonline.com](#)

... of transaction data from the application to the **buffer**. ... The **OLAP** server understands how data is organized in ... a full upload phase, a **delta** initialization phase ...

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**[Super-Scalar RAM-CPU Cache Compression](#) - all 5 versions »**

M Zukowski, S Heman, N Nes, P Boncz - Proc. ICDE, 2006 - [doi.ieeecomputersociety.org](#)

... As **buffer** manager pages are compressed, a crucial feature of ... We implemented PDICT, PFOR and PFOR-**DELTA** in the ... 3], developed at the CWI for **OLAP**, data mining ...

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**[\[PDF\] Database and Information Systems](#) - all 2 versions »**

K Schneider, B Mitschang - [informatik.uni-stuttgart.de](#)

... Terminology - OLTP (On-Line Transaction Processing) - DW (Data Warehouse) - **OLAP** (On-Line ... Transaction Processing (OLTP) **OLAP** operational planning ...

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B Mitschang, K Schneider - [informatik.uni-stuttgart.de](#)

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R Super-scalar, M Zukowski, S Héman, N Nes, PA ... - cwi.nl

... As **buffer** manager pages are compressed, a crucial feature ... We implemented PDICT, PFOR and PFOR-**DELTA** in the ... BZN05], developed at the CWI for **OLAP**, data mining ...

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### SAP BI als Lösungsansatz der SAP AG

SAP BI-Strategie - Springer

... Verfahren, bei denen hinzugefügte oder geänderte Daten berücksichtigt (**Delta**-Update) werden ... Struktur übernimmt diese Schicht durch den **OLAP**-Prozessor auch ...

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EF Ewen, CE Medsker, LE Dusterhoft - ... 1st ACM international workshop on Data warehousing and **OLAP**, 1998 - portal.acm.org  
... On-line analytical processing, **OLAP**, IHS, IDS, DSS. ... Christiana Care conducted-a business In order to **plan** for the ... Physician activity **reporting** is directed at ...  
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E Schäfer, JD Becker, M Jarke - A bbadi et al.[2000], S, 2000 - it.iitb.ac.in  
... granular availability of historical data with high- actuality **reporting** and **planning** facilities. Major components of interest include an **OLAP** system in the ...  
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M Schoop, A Becks, C Quix, T Burwick, C Engels, M ... - XML Technologien für das Semantic Web-XSW, 2002 - mag.usr.dsi.unimi.it  
... Flexible **reporting** tools are useful in looking for causal ... A collaborative fine **planning** task then adjusts the ... require support given by an **OLAP planning** systems ...  
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**Using OLAP and Data Mining for Content Planning in Natural Language Generation** - all 6 versions »

EL Favero, J Robin, B Para, B Recife - Natural Language Processing and Information Systems: 5th ..., 2001 - books.google.com  
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**An overview of data warehousing and OLAP technology** - all 77 versions »

S Chaudhuri, U Dayal - ACM SIGMOD Record, 1997 - portal.acm.org  
... front end tools: query tools, **report** writers, analysis ... the architecture, do capacity **planning**, and select the storage servers, database and **OLAP** servers, and ...  
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[PDF] **The Role of the OLAP Server in a Data Warehousing Solution** - all 6 versions »

W Solution - Aufl. Sunnyvale, 2001 - netfly.com.br  
... To deliver **reporting**, analysis, modeling and **planning** applications within a data ... Bell Canada: Web-enabled **OLAP** and Data Warehousing Success ...  
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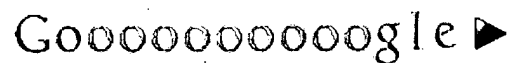
**System and method for automatic transmission of personalized OLAP report output** - all 6 versions »

KN Yost, PG Wilding, RG Trenkamp - US Patent 6,269,393, 2001 - Google Patents  
... A management of an Automatic **OLAP Report** Broadcast System ... that facilitate forecasting and **planning** efforts. ... as an on-line analytical processing system ("**OLAP**"). ...  
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